

IN THE CLAIMS:

Please replace claims 7-9, 11, 15, 16-18 as follows:

B2
A
1
7. (Amended) The gene according to claim 1 wherein said protein is a protein having an ability of inducing adventitious shoots.

8. (Amended) The gene according to claim 1 wherein said protein is a protein having an ability of inducing branching.

9. (Amended) A vector comprising the gene according to claim 1.

11. (Amended) A protein encoded by the gene according to claim 1.

B2
A
15. (Amended) A plant or a plant cell into which the gene according to claim 1 has been introduced.

16. (Amended) A method for inducing differentiation from a plant or a plant cell said method comprising introducing the gene according to claim 1 into a plant or a plant cell and then driving the expression of said gene.

17. (Amended) A method for inducing adventitious shoot formation from a plant or a plant cell said method comprising introducing the gene according to claim 1 into a plant or a plant cell and then driving the expression of said gene.

18. (Amended) A method for inducing branching of a plant said method comprising introducing the gene according to claim 1 into a plant and then driving the expression of said gene.

Please add new claims 19-27 as follows:

51B
B2
1 --19. The gene according to claim 2 wherein said protein is a protein having an ability of inducing adventitious shoots.

20. The gene according to claim 2 wherein said protein is a protein having an ability of inducing branching.

21. A vector comprising the gene according to claim 2.

22. A host transformed with the vector according to claim 21.

23. A protein encoded by the gene according to claim 2.

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B2
1 24. A plant or a plant cell into which the gene according to claim 2 has been introduced.

25. A method for inducing differentiation from a plant or a plant cell said method comprising introducing the gene according to claim 2 into a plant or a plant cell and then driving the expression of said gene.

26. A method for inducing adventitious shoot formation from a plant or a plant cell said method comprising introducing the gene according to claim 2 into a plant or a plant cell and then driving the expression of said gene.

27. A method for inducing branching of a plant said method comprising introducing the gene according to claim 2 into a plant and then driving the expression of said gene.--